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(54) **AGOMELATINE SULFURIC ACID COMPLEX, AND PREPARATION METHOD AND APPLICATION THEREOF**

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See application file for complete search history.

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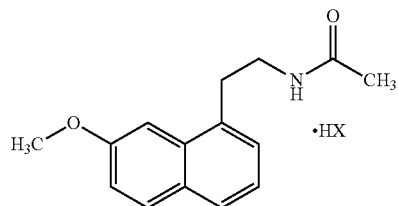
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(57) **ABSTRACT**

The present invention relates to an Agomelatine sulfuric acid complex in formula (I) and the preparation method thereof (HX=H₂SO₄, RSO₃H (R=CH₃, Ph, 4-CH₃Ph)). The solubility of the Agomelatine sulfuric acid complex obtained by the method of the present invention is significantly improved compared with Agomelatine, has good stability and higher purity, and is suitable for application in finished-product medicinal preparations. The preparation process is quite simple, and a product with high purity can be obtained without special operations.



(HX = H₂SO₄, RSO₃H
(R = CH₃, Ph or 4-CH₃Ph))

17 Claims, 15 Drawing Sheets

